CLAIMS

1. A fire extinguisher (61) comprising a reservoir made of plastic (60) able to contain a pressurized extinguishing agent, and a discharge device (65) fixed to a neck (64) of said reservoir so as to discharge said extinguishing agent, said discharge device comprising an outlet nozzle (70), and a dip tube (69) arranged in said reservoir (60) in such a way as to be able to lead said extinguishing agent from a bottom part (80) of said reservoir at the opposite end to said neck toward said outlet nozzle, characterized in that a wall (62) of said reservoir bears an internal rib (63) of helical shape, the axis (a) of winding of which is more or less parallel to said dip tube (69).

2. The fire extinguisher as claimed in claim 1, characterized in that said neck (64) is formed of a double wall projecting toward the inside of said reservoir.

3. The fire extinguisher as claimed in claim 1 or 2, characterized in that said neck (64) comprises an internal screw thread (68) for fixing said discharge device (65) by screwing.

4. The fire extinguisher as claimed in one of claims 1 to 3, characterized in that it comprises at least one external accessory (72) molded as a projection on an exterior surface of said wall (62) of the reservoir.

5. The fire extinguisher as claimed in one of claims 1 to 4, characterized in that it comprises at least one external handgrip (71) molded as a recess in said wall (62) of the reservoir.

6. The fire extinguisher as claimed in one of claims 1 to 5, characterized in that said wall (62) of the reservoir has a thickness (e) of between 3 and 5 mm.

7. The fire extinguisher as claimed in one of claims 1 to 6, characterized in that it has an internal working pressure in excess of 50 bar.

8. The fire extinguisher as claimed in one of claims 1 to 7, characterized in that said reservoir (60) has a polygonal cross section.

9. The fire extinguisher as claimed in one of claims 1 to 8, characterized in that said extinguishing agent is a powder or water with one or more additives.

10. The fire extinguisher as claimed in one of claims 1 to 9, characterized in that said reservoir (60) can be obtained by a molding process with bi-orientation, comprising steps of coating (32) a moving mandrel (10, 11) bearing a helical groove (39) and of blow-molding (43).